



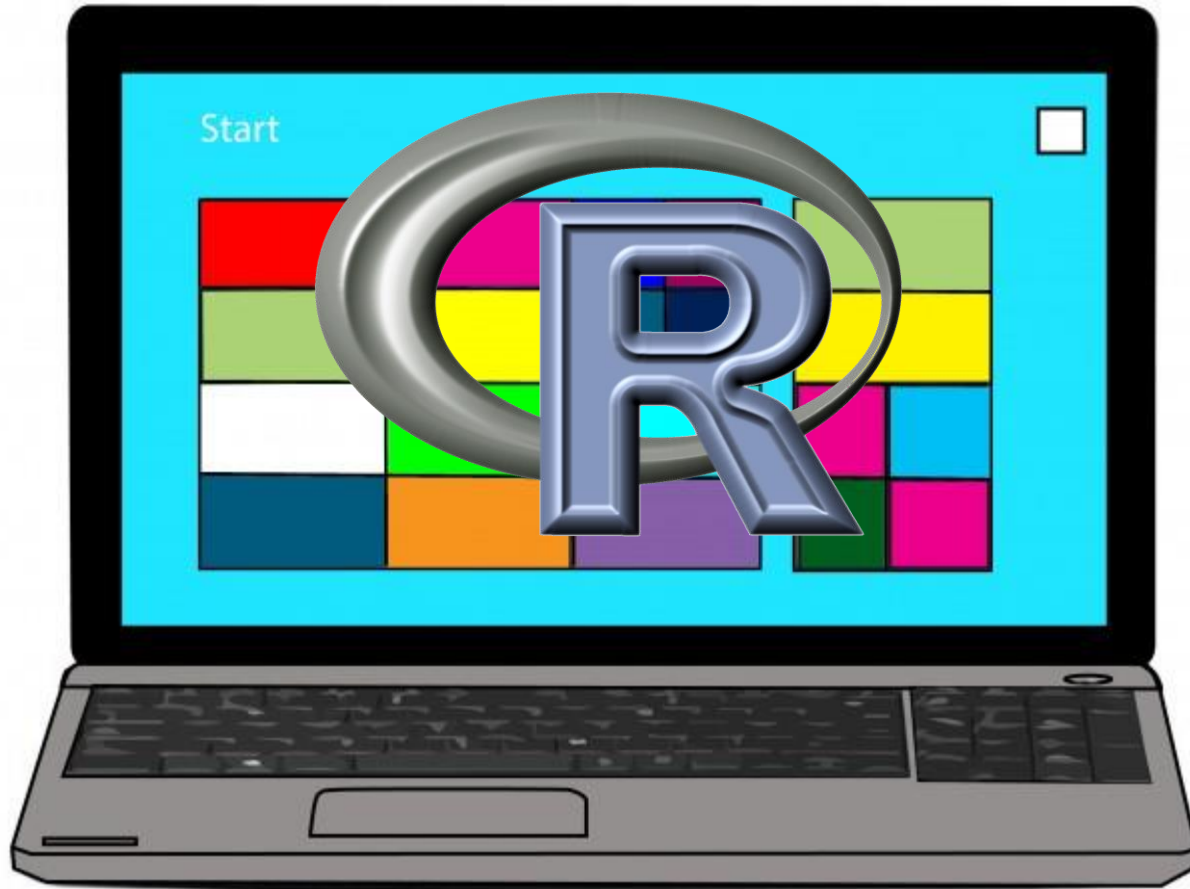
Statistics and R

part 7: Functions and Tables

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Bring your laptop.



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Today

- Tables
 - Use categorical variables.
 - We will look at one-way and two-way tables
 - We will incorporate OOP



Functions and Tables

Tables will be useful to release from functions as parts of list objects and will be particularly useful for plotting



Tables

```
tab=table(x,y) # x and y categorical variables
```

```
library(s20x)
```

```
ctab=croscabs(~x+y,data) # contingency table
```

```
rowdistr(ctab,comp="between")
```



An example (cont.)

- SLR using spruce data.
- See statsandr.oucreate.com



Courses

- **Bayesian Stats MATH 4803/5803**
- Advanced Applied STATS MATH 4793/5793
- Applied Statistical Methods MATH 4753



Next time bring your laptop.

